

**PAT-NO:** JP409319692A  
**DOCUMENT-IDENTIFIER:** JP 09319692 A  
**TITLE:** COMPUTER SYSTEM AND DEVICE CONTROL METHOD FOR THE SAME  
**PUBN-DATE:** December 12, 1997

**INVENTOR-INFORMATION:**

**NAME** **COUNTRY**  
MIYAKE, TAKAHIRO

**ASSIGNEE-INFORMATION:**

**NAME** **COUNTRY**  
TOSHIBA CORP N/A

**APPL-NO:** JP08138816  
**APPL-DATE:** May 31, 1996

**INT-CL (IPC):** G06F013/14 , G06F013/00

**ABSTRACT:**

**PROBLEM TO BE SOLVED:** To secure compatibility with a different machine type together with a sure data protecting function by easily enabling application to the different machine type of peripheral device or the main body of a system as well concerning a computer system adopting a duplex system for controlling the peripheral device through plural control routes.

**SOLUTION:** When this system has the plural control routes for controlling the input/output of the peripheral device such as a hard disk device 3, for example, and is provided with a function for performing control when switching the control route at the time of fault generation, this system has a virtual device driver 11 for executing the input/output operation of the peripheral device 3 by operating a standard device driver 12 corresponding to the input/output instruction of the peripheral device from an OS 10. The virtual device driver 11 is a device driver registered inside a main body 1 of the system and has a function for detecting fault in the operation of input/output to the peripheral device and a function for switching the control route.

**COPYRIGHT:** (C)1997,JPO